



FDNY

BUREAU OF FIRE PREVENTION**9 Metro Tech Center, 3rd Floor****Brooklyn, NY, 11201**

To: Jared Gruenke
From: New York City Fire Department
Date: Apr 19, 2023
Record ID: 2023-TMCOAP-002653-AMND



Premises Address: City-Wide

BIN

Application Type: Certificate of Approval

Amendment

Result: Certificate of Approval

CERTIFICATE OF APPROVAL # 5850

THIS CERTIFICATE IS REVOCABLE, NOT TRANSFERABLE

AND EXPIRES ON April 18, 2026

By order of Fire Commissioner and pursuant to Section 112 of the New York City Fire Code, the following equipment or material may be acceptable for use provided the conditions outlined below are in full compliance.

Manufacturer: The Vollrath Company, LLC

Address: 1236 N. 18th Street, Sheboygan, WI 53081

Product: Induction Downdraft Table

Model Numbers: 69718 or 69722, followed by C or S, followed by 1 or 2, followed by one or two letters, followed by L, R, or Blank

Pertinent Code Sections: New York City Fire Code Section 901.4.5

Prescribed Tests: UL 710B, UL 300, EPA Test Method 202 (and UL 1046/ UL 197)

Laboratory: Underwriters Laboratories, Inc.

Report: E468345 Issued: 07/16/2010 Revised: 09/28/2021



MH14950 Vol. 1 Sec. 3 Issued: 04/24/2012 Revised: 05/17/2013

Description: The Cooking Station with Integral Ductless Hood assembly consists of a cooking station configured with one or two induction cooking hobs, a ductless hood assembly, and a UL 300 Fire Suppression System. The cooking table is provided with one or two UL 197 Listed, Vollrath Model 59501, UL Model 59501, UL File E40164, 1250 watt induction cooking hobs. The ductless hood assembly consists of a glass and stainless hood constructed of .048" stainless steel and ¼" thick glass tempered to ANSI Z97.1 2009; two metal baffle type grease filters with activated carbon media, universal air filters CO Model FF Series, UL File R5147; an exhaust blower, EBM-Papst Model R4E280, UL File E54522; and a fire damper, Dayton Model DFDRHV1, UL File R26094. The UL 300 Fire Suppression System consists of an automated UL listed Ansul Containment is supported by the Integral Stainless Steel and tempered glass fire suppression system includes multiple Fire Detection links (165F), multiple discharge nozzles (1W), (nozzle angles set by manufacturer), and 1.5 gal R-102 wet chemical system. A manual pull is also provided on the table. This system has been tested in accordance with UL 710B requirements. The critical components that make up this system are listed in table 2. Functional Description: The ductless hood assembly has a total of four 165F fusible links arranged in series. Two of the fusible links are located above the cooking hob(s) and two fusible links are located behind the grease filters. If any one of the fusible links are actuated, the fire suppression system is activated. The induction cooking hobs and the blower are directly interlocked to the fire suppression system. In the event of a fire at the cooking station and the fire suppression system is activated (automatically or manually), power to the cooking appliance(s) and the blower is terminated. When the blower and system is operating normally, power is available to the cooking hobs. The negative pressure within the hood plenum is monitored with two identical pressure switches, Cleveland Controls Model NS2 Series, UL File MH6213. One of the pressure switches terminates power to the unit if the pressure is too high (vent is covered), the other, terminates functionality if pressure is too low. Unit is designed to be used in both the front and back-of-the-house.

Conditions of Approval

1. The ventless/ductless hoods shall ONLY be used within NYC Department of Buildings (DOB) approved commercial kitchen or area for food warming, light duty cooking only, plans for which shall be filed with and approved by the New York City Department of Buildings.
2. Prior to installation of the above-referenced ductless /ventless hood with cooking appliances, plans for the fire extinguishing system shall be filed with the New York City Fire Department for review and approval. Pre-engineered non-water fire extinguishing system shall be of a type for which a Certificate of Approval has been issued by the New York City Fire Department.
3. Installation, use and maintenance (including cleaning) of the above-referenced cooking equipment shall comply with all applicable requirements of the New York City Fire Code, the New York City Electrical Code, the New York City Construction Codes (including the Building Code and the Mechanical Code), and the rules.
4. The cooking equipment shall be installed in an area approved by the New York City Department of Buildings.
5. Listing requirements and the manufacturer's installation, operation and maintenance requirements shall be complied with.
6. The cooking equipment (including filters and catalyst) shall be inspected, cleaned and replaced if necessary, by a qualified person holding a Fire Department Certificate of Fitness. The catalyst shall be maintained in proper working order. A record of such inspection and cleaning shall be kept on the premises for inspection.



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7. All installations shall be subject to inspection by representatives of the Fire Department which may result in additional requirements being imposed. The Fire Department may make periodic inspections of the above-referenced products without warning to ensure that maintenance requirements are being followed. These audit inspections will be solely at the discretion of the Fire Department.
8. The Fire Department's conditions of approval shall be provided to all New York City buyers, users and installers.
9. Certificate of Approval number shall be plainly and permanently stamped or otherwise affixed upon each product by the manufacturer or the local representatives of the manufacturer.
10. The equipment's technology does not violate any patent, trade name, trade secret or other intellectual right.
11. The Certificate of Approval does not constitute an endorsement or recommendation of your product by the Fire Department, but is a certification that your product is acceptable as of the date of issuance.
12. Fire Department may withdraw this approval at any time in the event there is a reasonable doubt that the product does not operate or perform as required by code, the conditions of this resolution or as represented in your application.
13. Any end user who fails to comply with the conditions as outlined in this approval will be subject to enforcement action.

Any change in company name or ownership, product name, material of construction, chemical composition, product design, or model number of any product included on this certificate must be immediately reported to this Department in writing.

KC:JN

By Order of,
Chief of Fire Prevention